

SUGARCANE GROWTH MEASUREMENT DATA  
 USDA-ARS, SRRC, SUGARCANE RESEARCH UNIT  
 ARDOYNE FARM, HOUMA, LOUISIANA

Growth Measurement No. 27

Growth from 9/25/07 to 10/2/07

Average growth (inches) this week Plant-Cane	LCP 85-384 .....	3.55
	Ho 95-988 .....	1.75
	HoCP 96-540 .....	3.55
	L 97-128 .....	2.65
Average growth (inches) this week 1st-Stubble	LCP 85-384 .....	2.44
	Ho 95-988 .....	1.95
	HoCP 96-540 .....	2.85
	L 97-128 .....	2.65
Average height (inches) to date Plant-Cane	LCP 85-384 .....	113.50
	Ho 95-988 .....	113.10
	HoCP 96-540 .....	128.70
	L 97-128 .....	129.05
Average height (inches) to date 1st-Stubble	LCP 85-384 .....	103.60
	Ho 95-988 .....	108.25
	HoCP 96-540 .....	115.05
	L 97-128 .....	114.90

**Average height in inches**

YEAR	HoCP 96-540		LCP 85-384	
	PLANT-CANE	1 <sup>ST</sup> -STUBBLE	PLANT-CANE	1 <sup>ST</sup> -STUBBLE
2007	128.7	115.1	113.5	103.6
2006				
2005				
2004	117.4	115.5	103.2	110.3
2003			106.2	105.3
2002			-	-
2001			112.3	108.7
2000			116.7	118.3
1999			115.4	109.7
1998			-	-

**SOIL MOISTURE and CLIMATOLOGICAL DATA\***

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
<b>Min</b>				63.0
<b>Max</b>				91.0
<b>Mean</b>				76.8

Rainfall total for week (inches)..... 0.07"

Rainfall total for year (inches)..... 43.88"

\* Temperature, rainfall records, and soil moisture from Ardoyne Farm.

Soil moisture ranges from 0 cbars (saturated) to 200 cbars (dry).